











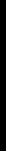
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2000



MONTH.	BAROMETER.						ATTACHED THERMOMETER.						DETACHED THERMOMETER.						Quantity of rain fallen.		Comparative Prevalence of the Winds, with their respective quantities of Rain fallen during such prevalence.																	
	Mean State at				Highest.	Lowest.	Mean State at				Highest.	Lowest.	Dew Point.	Total.	In Days.	Maxim. in one day.	N.—N.E.	N.E.—E.	E.—S.E.	S.E.—S.	S.—S.W.	S.W.—W.	W.—N.W.	N.W.—N.														
	8 30' A.M.	2 30' P.M.	Sunset.	9 P.M.			5 30' A.M.	2 30' P.M.	Sunset.	9 P.M.															5 30' A.M.	2 30' P.M.	Sunset.	9 P.M.	Inches.	Inches.	Days prev.	Rain, Inches.	Days prev.	Rain, Inches.	Days prev.	Rain, Inches.	Days prev.	Rain, Inches.
APRIL, 1812.....	29.577	29.541	29.538	29.565	29.85	29.18	62.70	72.23	65.76	63.96	86	54	57.80	66.50	62.00	59.56	77	49	61.40	7.84	9	3.73	3	....	3	....	4	....	6	5.62	4	0.79	7	1.53	3	....	..	....
MAY, .....	29.597	29.573	29.566	29.588	29.84	29.16	49.25	68.64	63.19	60.74	79	51	53.64	62.66	57.62	55.93	73	45	58.32	5.51	9	2.57	2	1.22	1	....	1	0.05	5	1.09	..	1.61	18	1.54	3	....	1	....
JUNE, .....	26.619	29.589	29.586	29.608	29.94	28.99	55.26	66.63	61.73	58.60	73	48	49.10	60.70	55.50	52.90	68	42	55.73	0.27	8	0.08	..	....	..	....	..	....	3	0.14	1	0.03	22	0.01	2	....	2	0.09
JULY, .....	29.608	29.572	29.568	29.596	29.94	29.15	56.32	66.38	61.64	59.00	75	47	50.90	61.22	56.54	53.38	71	39	56.61	6.60	9	2.59	3	....	3	1.68	1	1.69	2	0.14	2	0.07	13	0.02	5	....	2	....
AUGUST, .....	29.676	29.639	29.631	29.659	29.90	29.34	55.23	64.06	58.67	57.12	76	46	50.32	58.32	53.51	51.64	70	42	53.90	3.80	15	1.63	5	0.57	1	....	1	....	6	1.66	5	0.44	10	1.13	..	....	3	....
SEPTEMBER, .....	29.498	29.451	29.454	29.490	29.75	29.09	61.86	69.53	63.76	62.16	78	52	56.86	65.63	59.70	57.40	83	48	60.23	1.10	14	0.35	10	....	1	....	2	....	7	0.49	2	0.25	3	0.04	4	0.02	1	0.30
OCTOBER, .....	29.458	29.413	29.422	29.459	29.82	28.99	63.32	69.09	65.03	63.64	80	54	63.83	69.15	61.45	59.16	89	48	64.22	0.07	11	0.03	9	....	3	....	..	....	6	0.04	1	0.03	7	....	3	....	2	....
NOVEMBER, .....	29.490	29.440	29.456	29.487	29.80	28.96	67.66	70.90	69.26	68.10	82	61	69.90	72.56	65.53	63.93	96	57	66.76	0.11	7	0.11	11	....	5	....	..	....	9	0.12	1	0.02	2	....	1	....	1	....
DECEMBER, .....	29.561	29.529	29.528	29.553	29.70	29.17	68.74	72.09	69.67	68.77	86	63	68.80	72.45	66.38	65.12	99.5	58	66.29	3.04	15	1.71	7	....	4	0.01	4	....	12	1.49	2	1.54	..	....	1	....	1	....
JANUARY, 1843.....	29.567	29.537	29.532	29.563	29.80	29.17	71.58	73.67	72.16	71.38	79	66	72.35	74.77	69.77	69.09	82	62	69.83	1.58	14	0.81	11	0.01	1	....	3	....	13	1.27	2	0.11	..	....	..	....	1	0.19
FEBRUARY, .....	29.608	29.592	29.594	29.613	29.84	29.12	70.00	72.32	70.85	70.57	77	65	70.32	72.64	68.25	67.60	80	62	68.17	12.33	17	3.55	6	0.30	12	6.10	5	5.67	1	0.16	2	0.05	1	0.03	1	0.02	..	....
MARCH, .....	29.665	29.637	29.630	29.651	29.95	29.37	69.58	72.93	71.41	71.09	80	64	68.77	72.74	68.29	67.80	89	61	68.16	5.36	29	2.83	8	0.75	5	....	8	3.18	8	0.34	..	1.05	..	....	1	40.0	1	....
TOTALS.....															47.64	148		75	2.85	39	10.79	29	10.59	78	12.46	23	5.99	83	4.30	21	0.08	15	0.58					

NOTE.—In some places minutes appear of Rain fallen, without any entry of Wind attached; on such occasions it is to be understood, that the wind from that quarter could not be considered the prevalent wind of the day or days on which the rain fell, (or of any other day in that month), it being of but short duration compared with the wind from some other quarter.

TABLE OF AVERAGES—PERIODICAL AND GENERAL—FOR THE YEARS 1840, 1841, AND 1842.

YEAR.	BAROMETER.					ATTACHED THERMOMETER.					DETACHED THERMOMETER.					DEW POINT.
	9 A.M.	Noon.	6 P.M.	9 A.M.	Noon.	6 P.M.	General.	9 A.M.	Noon.	6 P.M.	General.	9 A.M.	Noon.	6 P.M.	General.	
1840.	29.604	29.590	29.577	67.56	70.61	69.75	69.30	64.72	67.97	64.84	65.84	62.02	63.00	63.38	63.00	
1841.	29.623	29.596	29.589	69.61	70.61	69.75	69.30	64.72	67.97	64.84	65.84	62.02	63.00	63.38	63.00	
1842.	29.577	29.542	29.542	69.61	70.61	69.75	69.30	64.72	67.97	64.84	65.84	62.02	63.00	63.38	63.00	

The following inferences may be drawn from the Abstracts of the South Head Meteorological Journal for the years 1840, 1841, and 1842:—  
First.—With reference to the Barometrical observations. The Means of the various daily quotations show that the column of mercury is greatest at 8:30 a.m., and least at sunset, though a very slight difference exists between its state at that time and 2:30 p.m.; and that at 9 in the Evening it attains to nearly the same height it was in the Morning.  
Now these results (excepting in the instance of the Afternoon observations) accord with what, I think I may be allowed to state, Mr. Dunlop, of Parramatta, has, during his experience, found to be the case; and so far as they go, they serve to verify the position he takes; viz., "that between the hours of 9 and 9 in the Morning the Barometer is on an average higher than at any other period of the twenty-four hours, and between 2 and 3 in the Afternoon at the lowest; and that about 9 in the Evening it reaches nearly the height it was in the morning; also, that about 3 in the morning it falls slightly to what it was in the afternoon." The oscillations, however, during the night are less than those through the day.  
With respect to the apparent disparity between the mean resulting from the afternoon quotations as taken at South Head, and the result arrived at by Mr. Dunlop's observations—which I take it must be understood as applicable, and in reference, principally to the effect produced by the atmospheric tides upon the mercurial column—a cause suggested in a review of the Meteorological Register, viz., in the fact of the preponderance of the north-north-easterly winds in afternoon. A reference to the Journal, or the published Monthly Abstracts, will show that the north-easterly winds, when prevalent from points to north-west of north-east, have almost invariably northed towards sunset, as well as increased in force; and these concomitant circumstances have almost as invariably been attended with a depression of the column of mercury. This will, to a great extent, account for the comparative lowness of the Mean of the sunset observations. Moreover, the effect of these winds would be greater immediately on the sea-coast, than in the interior of the country, where they would not be accompanied with so much moisture of atmosphere.  
As to the additional fact, of a similar depression of the atmospheric tides taking place at three in the morning, as at three in afternoon—my observations do not furnish any regular data, from which to draw such an inference—but, I may remark that, from observations I have made during the night, from time to time,—and these frequently under circumstances when there would appear to be no other operating influence, to cause a fluctuation in the mercury, than that of the atmospheric tides; I have found that the column of mercury is less between two and three o'clock, than at any other part of the night. I have also noticed, that the greatest proportional rise and fall of the mercury, takes place during two hours immediately preceding and succeeding, respectively, the periods of its attaining its maximum height, viz., nine in the morning and nine in the evening.

**HYDE PARK.**

**MR. CHAPMAN** has received instructions from the Proprietor of Hyde Park Estate, to subdivide and sell off portions of this eligible property for small farms, orchards, and market gardens, for the term of thirty-three years, and at the end of that period.

Industrious persons, possessed of but little means, wishing to have a farm, orchard, and market garden, will now, for the first time, have an opportunity of permanently settling themselves and their families, in the most favourable spot in Australia; that is, in a village, within a few miles of the Metropolis, where they may, by easy industry, certainly procure a comfortable maintenance, and soon realize a respectable independence, and which can be done by the aid of the following terms:—  
The advantages of agriculture near Sydney are fully demonstrated by the comfortable circumstances of some, and the respectable affluence of others, who are pursuing this agreeable and profitable occupation, exhibiting a very striking contrast between the suburban and independent condition of the former, and the disadvantages and poverty of the latter.  
It is proposed that the area of all subdivisions, whether for farms, orchards, or market gardens, contain not less than ten nor more than one hundred acres each.  
Apply to W. H. Chapman, George-street, Sydney, or at the office of the Proprietor, 1, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 175, 177, 179, 181, 183, 185, 187, 189, 191, 193, 195, 197, 199, 201, 203, 205, 207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227, 229, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 275, 277, 279, 281, 283, 285, 287, 289, 291, 293, 295, 297, 299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 341, 343, 345, 347, 349, 351, 353, 355, 357, 359, 361, 363, 365, 367, 369, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389, 391, 393, 395, 397, 399, 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